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NOTICE OF ALLOWANCE AND FEE(S) DUE

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09/13/2005

DIGEO, INC C/O STOEL RIVES LLP 201 SOUTH MAIN STREET, SUITE 1100 ONE UTAH CENTER SALT LAKE CITY, UT 84111 EXAMINER NGO, CHUONG D

PAPER NUMBER

RECEIVED

ART UNIT

DATE MAILED: 09/13/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/955,569	09/17/2001	Mark Peting	50588/343	1164

TITLE OF INVENTION: APPARATUS AND METHOD FOR CORRECTING SIGNAL IMBALANCES USING COMPLEX MULTIPLICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/13/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

	E ADDRESS (Note: Use Block 1 for 09/13/2005	any change of address)		Fee(s) Transmittal. 7 papers. Each addition	of mailing can only be used for This certificate cannot be used a nal paper, such as an assignment ate of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must
DIGEO, INC C/C	STOEL RIVES LL STREET, SUITE 110 ER			C	ertificate of Mailing or Trans this Fee(s) Transmittal is bein e with sufficient postage for fir ail Stop ISSUE FEE address SPTO (571) 273-2885, on the co	smission g deposited with the United st class mail in an envelope above, or being facsimile date indicated below.
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						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	I	FIRST NAMED INVE	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/955,569	09/17/2001		Mark Peting		50588/343	1164
TITLE OF INVENTION: A	PPARATUS AND METHO	D FOR CORRECT	'ING SIGNAL IME	ALANCES USING C	OMPLEX MULTIPLICATION	
APPLN, TYPE	SMALL ENTITY	ISSUE FE	BE .	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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"Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND	lence address (or Change of 22) attached. ion (or "Fee Address" Indicor more recent) attached. Us RESIDENCE DATA TO E an assignee is identified b 137 CFR 3.11. Completion	Correspondence ation form e of a Customer E PRINTED ON T elow, no assignee of this form is NOT	(1) the names of or agents OR, all (2) the name of registered attorn 2 registered pate listed, no name vTHE PATENT (prindata will appear on a substitute for fill) RESIDENCE: (Call	a single firm (having a ey or agent) and the na nt attorneys or agents. vill be printed. t or type) the patent. If an assi ing an assignment.	s a member a 2	
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5. Change in Entity Status						
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The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Iss ublication Fee (if required) ords of the United States Pat	ue Fee and Publicat will not be accepted ent and Trademark	fion Fee (if any) or in the state of the sta	to re-apply any previou than the applicant; a re	usly paid issue fee to the applicate attorney or agent; or t	ation identified above. he assignee or other party in
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APPLICATION NO.	FILING DATE	DATE FIRST NAMED INVENTOR		CONFIRMATION NO.	
09/955,569	09/17/2001	Mark Peting	50588/343	1164	
32641	7590 09/13/2005		EXAM	INER	
DIGEO, INC	C/O STOEL RIVES LLP		NGO, CH	UONG D	
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SALT LAKE CI	TY, UT 84111		2193		

DATE MAILED: 09/13/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 563 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 563 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application No.	Applicant(s)
	09/955,569	PETING, MARK
Notice of Allowability	Examiner	Art Unit
	Chuong D. Ngo	2193
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commu IGHTS. This application is so	this application. If not included nication will be mailed in due course. THIS
1. This communication is responsive to papers filed on 08/04.	<u>/2005</u> .	
2. The allowed claim(s) is/are <u>1,3-8,11,12,15,17,18,21 and 27</u>	<u>z</u> .	
3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submained in NFORMAL PATENT APPLICATION (PTO-152) which give some including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date (c) Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the company of the priority and the deponant attached Examiner's comment regarding REQUIREMENT.	been received. been received in Application cuments have been received of this communication to file IENT of this application. itted. Note the attached EXA as reason(s) why the oath or it be submitted. son's Patent Drawing Review as Amendment / Comment or .84(c)) should be written on the header according to 37 CFI sit of BIOLOGICAL MATE	In No In this national stage application from the a reply complying with the requirements MINER'S AMENDMENT or NOTICE OF declaration is deficient. (PTO-948) attached in the Office action of the drawings in the front (not the back) of R 1.121(d). ERIAL must be submitted. Note the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ⊠ Interview Su Paper No./I 8), 7. ⊠ Examiner's /	ormal Patent Application (PTO-152) Immary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allowance Chuong D Ngo Primary Examiner Art Unit: 2193

Application/Control Number: 09/955,569

Art Unit: 2193

EXAMINER'S AMENDMENT

- 1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
- 2. Authorization for this examiner's amendment was given in a telephone interview with applicant's representative, Kory D. Christensen on 09/30/2005.

The application has been amended as follows:

In claim 21, line 1, "20" has been changed to - - 15 - -; and line 2, "products are" has been changed to - - signal output is - -.

3. The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach or fairly suggest an adjustment of amplitude and phase imbalance in a digital signal by multiplying I and Q of the complex signal obtained from a fast Fourier transform by independently-adjustable coefficients as recited in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong D. Ngo whose telephone number is (571) 272-3731. The examiner can normally be reached on Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong D Ngo Primary Examiner

Art Unit 2193

08/30/2005

Substi	(use as many sheets as necessary)				Attorney Docket No.: 04259.P036	Application Num 09/955,569	Application Number: 09/955,569		
					First Named Inventor: Mark Peting		EIVED		
					Filing Date: September 17, 2001		1 1 2002		
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O4		6,148,043			Fujimoto	11/14/2000			
1		6,141,391		Mo	relos-Zaragoza, et al.	10/31/2000			
		6,138,265		Mo	relos-Zaragoza, et al.	10/24/2000			
		6,119,265			Hara	09/12/2000			
		5,974,095			Kitaura, et al.	10/26/1999			
		6,195,642	B1		Izumi, et al.	02/27/2001			
1		6,122,325	·		Mogre, et al.	09/19/2000			
W		6,049,573			Song	04/11/2000			
.Cu		6,005,640			Strolle, et al.	12/21/1999			
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				FOREI	GN PATENT DOCUMENTS			
Exam.	Cite	For	eign Patent I	Document	Name of Patentee or Applicant	Date of	Pages,	T
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Examiner	λMen	Date Considered	2/30/2 -
Signature	7040		0/10/2003

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute	for Form 1449	/PTO	-		Complete	if Known
	MIECAR	ΔιΛ	TION DISCLOSUR	Application Number	09/955,569	
	/O' -	.\		Filing Date	September 17, 2001	
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/3	. .	Ĕ/		Examiner Name	Not Yet Assigned	
Sheet of 2					Attorney Docket Number	004259.P036
			U.S. PATEN	T DOCUMENTS	}	
Examiner Initials*	Cite No.	Numi	Document Number ber-Kind Code ² (ff known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
04		US-	4,015,238	3/29/1977	Robert Curtis Davis	†
1		US-	5,027,374	6/25/1991	Mark W. Rossman	
		UŞ-	5,291,499 A	3/1/1994	Behrens et al.	
		US-	5,295,142	3/15/1994	Izumi Hatakeyama	
		US-	5,349,608	9/20/1994	Graham, et al.	
1		US-	5,608,737 A	3/4/1997	Kimura, et al.	1
		US-	5,907,586	5/25/1999	Katsuragawa, et al.	
,		US-	6,189,126 B1	2/13/2001	Ulmer, et al.	
1/		US-	6,278,725 B1	8/21/2001	Rouphael et al.	
W		US-	6,301,314 B1	10/9/2001	Murayama, Jun	
M		US-	6,563,889 B1	5/13/2003	Shih, et al.	
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Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
cu		WO 01/59937 A2	8/16/2001	Qualcomm Inc.		
-						

Examiner	117	Date Considered	2/21/2
Signature	N (40		8/40/900)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 09/955,569

Filing Date September 17, 2001

First Named Inventor: Mark Peting

Art Unit 2661

Examiner Name Not Yet Assigned

NON PATENT LITERATURE DOCUMENTS Examiner Initials' Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publisher JOHN G. PROAKIS, Block and Convolutienal Channel Codes, Digital Communications, Fourth-Edition, Pages 415-537, MicGraw-Hill-Series in Electrical and Computer Engineering, New York, NY BREE, ET AL., "A Bit-Serial Architecture For A VLSI Viterbi Processor", Communications Systems Research Group, University of Saskatchewan, Saskatoon, IEEE, WESCANEX '88, 1988, pages 72-77. BIVER, ET AL., "Architectural Design and Realization Of A Single-Chip Viterbi Decoder", Elsevier Science Publishers B.V.,INTEGRATION, The VLSI Journal 8 (1989), October, No. 1, Amsterdam, NL., Pages 3-16. BREE, ET AL., "A Modular Bit-Serial Architecture For Large Constraint-Length Viterbi Decoding", Communications Systems Research Group, University of Saskatchewan, Saskatone, Canada, IEEE International Conference on Communications", 1990, pages 1501-1506. CHOI, ET AL., "Viterbi Detector Architecture For High-Speed Optical Storage", 1997, IEEE TENCON Speech and Image Technologies for Computing and Telecommunications, ASIC Center Corporate Technical Operations SMSUNG Electronics, Vol. 1, Dec 1997, pages 89-92. W.H. YIM and F.P. COAKLEY, "On-Board Processing For KA-Band Applications", University of Surrey, UK, Publication Date, February 11, 1993, XP 000456011, pp. 225-229. HASHIDA MITSUYOSHI, "Hierachical Network Management System and Control Method for Network Management Information," Patent Abstracts of Japan, Publication No. 07226777, 07/1975	Sheet	2		of	2	Attorney Docket Number	004259.P036	
Initials* No item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published JOHN G, PROAKIS, Block and Genvolutienal Channel Codes, Digital Cemmunications, Fourth-Edition, Pages 415-537, McGraw-Hill Series in-Electrical and Computer Engineering, New York, NY BREE, ET AL., "A Bit-Serial Architecture For A VLSI Viterbi Processor", Communications Systems Research Group, University of Saskatchewan, Saskatoon, IEEE, WESCANEX '88, 1988, pages 72-77. BIVER, ET AL., "Architectural Design and Realization Of A Single-Chip Viterbi Decoder", Elsevier Science Publishers B.V.,INTEGRATION, The VLSI Journal 8 (1989), October, No. 1, Amsterdam, NL, Pages 3-16. BREE, ET AL., "A Modular Bit-Serial Architecture For Large Constraint-Length Viterbi Decoding", Communications Systems Research Group, University of Saskatchewan, Saskatoon, Canada, IEEE International Conference on Communications*, 1990, pages 1501-1506. CHOI, ET AL., "Viterbi Detector Architecture For High-Speed Optical Storage*, 1997, IEEE TENCON-Speech and Image Technologies for Computing and Telecommunications, ASIC Center Corporate Technical Operations SAMSUNG Electronics, Vol. 1, Dec 1997, pages 89-92. W.H., YIM and F.P., COAKLEY, "On-Board Processing For KA-Band Applications*, University of Surrey, UK, Publication Date, February 11, 1993., XP 000458011, pp. 225-229. HASHIDA MITSUYOSHI, "Hierachical Network Management System and Control Method for Network Management Information," Patent Abstracts of Japan, Publication No. 07226777, 072/1995					NON PATENT LIT	ERATURE DOCUMENTS		
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^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449A/PTO (Modified)			Attorney Docket No.: 04259.P036	Application Number: 09/955,569	
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Applicant(s) Application No. 09/955,569 PETING, MARK Interview Summary Examiner **Art Unit** Chuona D. Nao 2193 All participants (applicant, applicant's representative, PTO personnel): (3)____. (1) Examiner: Chuong D. Ngo. (2) Applicant's representative" Kory D. Christensen. Date of Interview: 30 August 2005. Type: a) ☐ Telephonic b) ☐ Video Conference c) Personal [copy given to: 1) applicant 2) applicant's representative Exhibit shown or demonstration conducted: d) Yes e) No. If Yes, brief description: Claim(s) discussed: _____. Identification of prior art discussed: _____. Agreement with respect to the claims f) \boxtimes was reached. g) \square was not reached. h) \square N/A. Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: since claim 20 was canceled, it is agreed to amend claim 21 to depend on claim 15 and change "products are" to - - signal output is - - . (A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.) THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS

GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See

Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
 - (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.